

WHAT IS CLAIMED IS:

1. An enzyme kit, comprising:

a package said package containing at least three different recombinant enzymes, each of said at least three different recombinant enzymes having at least two enzyme characteristics in common, one of said at least two common enzyme characteristics being a chemical characteristic and the other of said at least two common enzyme characteristics being a physical characteristic.

2. A process for obtaining a recombinant enzyme library, comprising:

screening recombinant proteins produced by a plurality of expression clones, each of which contains a polynucleotide derived from a microorganism, said screening being effected to determine the clones which produce recombinant enzymes and to determine a plurality of different enzyme characteristics for the recombinant enzymes; and classifying the recombinant enzymes by said enzyme characteristics.

3. The process of Claim 2 wherein said screening includes screening said recombinant enzymes for a chemical characteristic, and rescreening recombinant enzymes having said chemical characteristic for a second chemical characteristic.

4. A process for producing an enzyme screening kit, comprising:

placing in a package at least three different selected enzymes, said enzymes being selected from a recombinant enzyme library having a plurality of different enzymes having different enzyme characteristics, said enzymes of said library being classified by said enzyme characteristics, each of said at least three different selected enzymes each having at least two common enzyme characteristics.

Add A.1
Add E.1
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